



Empowering the global community through remote sensing training
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Monitoring Tropical Storms for Emergency Preparedness

May 3 and May 10, 2018

09:00 – 11:00 **or** 18:00 – 20:00 EDT (UTC-4)

Tropical storms have major impacts, including loss of life and destruction of property. In 2017 alone, the United States experienced three tropical storms with more than \$1 billion in losses. Open source satellite data can be used before, during, and after a storm for monitoring and response. A storm's intensity, path, wind, precipitation, storm surge, and flooding can be derived from historical and near real-time satellite observations. In this introductory webinar, participants will learn about the NASA data and tools they can use to monitor tropical storms.

An Overview of Tropical Storms and Their Impacts

May 3, 2018

This session will cover data needs for emergency preparedness; relevant remote sensing, modeling data, and tools; and monitoring pre-storm conditions.

Monitoring Conditions During and After Tropical Storms

May 10, 2018

This session will cover monitoring winds, rain, flooding, storm surge, and affected areas and communities for emergency management operations. This session will also include an example of applications of remote sensing for tropical storm-related decision support.